IRIS Integration Guide

# Introduction

This guide explains how to integrate IRIS with EveryPay, including frontend integration and payment processing.

# Prerequisites

* EveryPay merchant account with API keys (public & secret)

# Step 1: Frontend Integration

See ` iris\_direct.html` for an implementation example.  
  
Typical flow:

* Display IRIS button
* Create an IRIS session
* Initiate an IRIS pay attempt
* Receive the tokenized attempt on your callback url
* Perform the payment with source token

# Step 2: Create IRIS session

See ` merchant\_backend.php ` for an implementation example.  
  
Typical flow:

* Receive payment details from your frontend
* Perform IRIS session request
* Return the response.signature to your Frontend

Endpoint: https://sandbox-api.everypay.gr/iris/sessions  
Method: POST

Fields:

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Required | Description |
| amount | Int | Yes | Amount in cents |
| secret\_key | String | Yes | secret key |
| callback\_url | String | Yes | Endpoint where EveryPay will send results |
| uuid | String | No | The frontend’s uuid |
| md | String | No | Merchant data, max 255 characters. Returned in callback |
| currency | String | Yes | Supported currency EUR |
| country | String | Yes | GR |

curl --location 'https://sandbox-api.everypay.gr/iris/sessions’ \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--header 'Authorization: Basic secret\_key' \  
--data-urlencode 'amount=500' \  
--data-urlencode 'currency=EUR' \  
--data-urlencode 'country=GR' \  
--data-urlencode 'callback\_url=http://merchant.com/your\_callback' \  
--data-urlencode 'uuid=uuid' \  
--data-urlencode 'md=md-data'

# Step 3: Create Source Token with IRIS session

Endpoint: https://sandbox-payform-api.everypay.gr/api/payment-methods/iris  
Method: POST

Fields:

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Required | Description |
| amount | Int | Yes | Amount in cents |
| public\_key | String | Yes | Public key |
| callback\_url | String | Yes | Endpoint where EveryPay will send results |
| uuid | String | No | The Iris Session’s uuid |
| token | String | Yes | Iris Session’s Signature |
| flow | String | Yes | direct |
| md | String | No | Merchant data, max 255 characters. Returned in callback |
| currency | String | No | Supported currency EUR |
| locale | String | No | el or en, default el |
| payer\_email | String | Recommended |  |
| payer\_phone | String | Recommended |  |
| billing\_country | String | Recommended | ISO 3166-1 alpha-2 code |
| billing\_city | String | Recommended |  |
| billing\_state | String | Recommended |  |
| billing\_postal\_code | String | Recommended |  |
| billing\_address\_line1 | String | Recommended |  |
| billing\_address\_line2 | String | Recommended |  |
| shipping\_country | String | Recommended | ISO 3166-1 alpha-2 code |
| shipping\_city | String | Recommended |  |
| shipping\_state | String | Recommended |  |
| shipping\_postal\_code | String | Recommended |  |
| shipping\_address\_line1 | String | Recommended |  |
| shipping\_address\_line2 | String | Recommended |  |

Example (cURL):  
curl --location --request POST 'https://sandbox-payform-api.everypay.gr/api/payment-methods/iris \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode 'amount=1000' \  
--data-urlencode 'public\_key=pk\_xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' \  
--data-urlencode 'callback\_url=http://merchant.com/callback' \  
--data-urlencode 'token=signature

# Step 4: Handling Responses

Responses will be sent to your `callback\_url`.

## Successful Iris Response

curl --location --request POST 'http://merchant.com/your\_callback' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode 'token=src\_xxxxxxxxxxxxxxxxxxxxxxxx' \  
--data-urlencode 'md=data\_sent\_by\_the\_merchant' \  
--data-urlencode type=iris' \  
--data-urlencode 'hash=Base 64 encoded signature to verify using your secret key'

Signature Verification Example:

1. Base64 decode the `hash` field →  
    hash1|{"callback\_url":"http://merchant.com/your\_callback",  
    "token":"src\_xxxxxxxxxxxxxxxxxxxxxxxx",  
    "md":"Order 1234567",  
    "type":"iris"}
2. Generate signature using HMAC-SHA256  
   (Pseudo code)  
   Hmacsha256(‘{"callback\_url":"http://merchant.com/your\_callback","token":"src\_xxxxxxxxxxxxxxxxxxxxxxxx","md":"Order 1234567", "type": "iris"}” }’, sk\_xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
3. Compare generated hash with received hash.

Failed request example:  
curl --location --request POST 'http://merchant.com/your\_callback' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode 'error\_status=402' \  
--data-urlencode 'error\_code=12345\  
--data-urlencode 'error\_message=Error message' \  
--data-urlencode 'token=' \  
--data-urlencode 'md=data\_sent\_by\_the\_merchant'